



Attorney Docket No.: 015685.P032

PATENT

10/19/02
10/21/02

RECEIVED

FEB 19 2002

Technology Center 2600

In re Application of:

) Art Unit: 2662

) Louis C. Yun, et al.

) Examiner: J. Logsdon

Application No.: 09/437,764

)

Filed: November 9, 1999

)

For: DOWNLINK SIGNAL PROCESSING IN CDMA
SYSTEMS UTILIZING ARRAYS OF ANTENNAE

)

I hereby certify that this correspondence is being deposited w/
United States Postal Service as first class mail with sufficient postage
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D.C. 20231 on:

December 20, 2001

Date of Deposit

Mary E. Warner

Name of Person Mailing Correspondence

Mary E. Warner 12-20-01

Signature

Date

AMENDMENT

Dear Sir:

In response to the Office Action mailed June 20, 2001, please enter this
amendment and consider the following remarks.

IN THE CLAIMS

SUB B1 1. (Amended) A method to determine a cellular communication base station (BS)

antennae array weight set corresponding to a subscriber unit (SU), comprising:

A transmitting a plurality of pilot downlink signals from the BS to the SU, each pilot
downlink signal processed with a different weight set than the other pilot downlink
signals;

receiving a report signal for at least one of the pilot downlink signals; and